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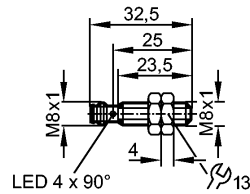
efector100

IE5347



IEB31.5-BPKG/AS-514-TPS

Inductive sensors



Product characteristics

Inductive sensor

Metal thread M8 x 1

Quick disconnect

Sensing range 1.5 mm; [f] flush mountable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...30 DC

Current consumption [mA]

10 (24 V)

Reverse polarity protection

yes

Outputs

Output function

normally open

Voltage drop [V]

< 1.5

Current rating [mA]

200

Short-circuit protection

yes (non-latching)

Overload protection

no

Switching frequency [Hz]

1000

Monitoring range

Sensing range [mm]

1.5

Real sensing range (Sr) [mm]

1.5 ± 10 %

Operating distance [mm]

0...1.2

Accuracy / deviations

Correction factors

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / aluminium approx. 0.3 / copper approx. 0.2

Hysteresis [% of Sr]

< 15

Switch-point drift [% of Sr]

-10...10

Environment

Ambient temperature [°C]

-25...70

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

Mechanical data

Mounting

flush mountable

Housing materials

housing: stainless steel; active face: PBT

Weight [kg]

0.022

Displays / operating elements

Output status indication LED

yellow (4 x 90°)

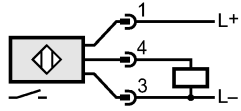
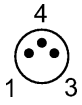
Electrical connection

Connection

M8 connector

Wiring

IE5347 - Inductive sensor - eclass: 27270101 / 27-27-01-01



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1

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